RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/019,385 _____

Source: _____ IFWP _____

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IFWP

RAW SEQUENCE LISTING   DATE: 05/12/2006
PATENT APPLICATION: US/10/019,385   TIME: 10:25:57

Input Set : A:\1103326-0677.txt
Output Set: N:\CRF4\05122006\J019385.raw

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   3 <110> APPLICANT: AstraZeneca AB
   4         Buervenich, Silvia
   6 <120> TITLE OF INVENTION: Mutated Nurr1 Gene
   8 <130> FILE REFERENCE: 1103326-0677
  10 <140> CURRENT APPLICATION NUMBER: 10/019,385
C--> 11 <141> CURRENT FILING DATE: 2001-12-28
  13 <150> PRIOR APPLICATION NUMBER: PCT/SE00/01380
  14 <151> PRIOR FILING DATE: 2000-06-29
  16 <150> PRIOR APPLICATION NUMBER: SE 9902489-5
  17 <151> PRIOR FILING DATE: 1999-06-30
  19 <160> NUMBER OF SEQ ID NOS: 23
  21 <170> SOFTWARE: PatentIn version 3.2
  23 <210> SEQ ID NO: 1
  24 <211> LENGTH: 29
  25 <212> TYPE: DNA
  26 <213> ORGANISM: artificial sequence
  28 <220> FEATURE:
  29 <223> OTHER INFORMATION: primer
  31 <400> SEQUENCE: 1
  32 agcttgtgat atttacctcc aaatgccag                            29
  35 <210> SEQ ID NO: 2
  36 <211> LENGTH: 29
  37 <212> TYPE: DNA
  38 <213> ORGANISM: artificial sequence
  40 <220> FEATURE:
  41 <223> OTHER INFORMATION: primer
  43 <400> SEQUENCE: 2
  44 agctctggca tttggaggta aatatcaca                            29
  47 <210> SEQ ID NO: 3
  48 <211> LENGTH: 20
  49 <212> TYPE: DNA
  50 <213> ORGANISM: artificial sequence
  52 <220> FEATURE:
  53 <223> OTHER INFORMATION: primer
  55 <400> SEQUENCE: 3
  56 ggagattgga caggctggac                                      20
  59 <210> SEQ ID NO: 4
  60 <211> LENGTH: 20
  61 <212> TYPE: DNA
  62 <213> ORGANISM: artificial sequence
  64 <220> FEATURE:
  65 <223> OTHER INFORMATION: primer
  67 <400> SEQUENCE: 4
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 68 tgcgcctgaa cacaaggcat                                      20
 71 <210> SEQ ID NO: 5
 72 <211> LENGTH: 21
 73 <212> TYPE: DNA
 74 <213> ORGANISM: artificial sequence
 76 <220> FEATURE:
 77 <223> OTHER INFORMATION: primer
 79 <400> SEQUENCE: 5
 80 ttatcaccct gtttcatttc c                                    21
 83 <210> SEQ ID NO: 6
 84 <211> LENGTH: 19
 85 <212> TYPE: DNA
 86 <213> ORGANISM: artificial sequence
 88 <220> FEATURE:
 89 <223> OTHER INFORMATION: primer
 91 <400> SEQUENCE: 6
 92 gagactggcg ttttcctct                                       19
 95 <210> SEQ ID NO: 7
 96 <211> LENGTH: 27
 97 <212> TYPE: DNA
 98 <213> ORGANISM: artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer
103 <400> SEQUENCE: 7
104 tgccgcactc cgggtcggtt tactaca                              27
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 24
109 <212> TYPE: DNA
110 <213> ORGANISM: artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: primer
115 <400> SEQUENCE: 8
116 gccctcacag gtgcgcacgc cgta                                 24
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 23
121 <212> TYPE: DNA
122 <213> ORGANISM: artificial sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: primer
127 <400> SEQUENCE: 9
128 cacgcgtctc agctgctcga cac                                  23
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: artificial sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: primer
139 <400> SEQUENCE: 10
140 cttctttgac catcccaaca gcca                                 24
```

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Input Set : **A:\1103326-0677.txt**
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143 <210> SEQ ID NO: 11
144 <211> LENGTH: 22
145 <212> TYPE: DNA
146 <213> ORGANISM: artificial sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: primer
151 <400> SEQUENCE: 11
152 cgcacagtgc aaaaaaatgc aa                                    22
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 20
157 <212> TYPE: DNA
158 <213> ORGANISM: artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: primer
163 <400> SEQUENCE: 12
164 cctggaatag tccaggctgg                                       20
167 <210> SEQ ID NO: 13
168 <211> LENGTH: 20
169 <212> TYPE: DNA
170 <213> ORGANISM: artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: primer
175 <400> SEQUENCE: 13
176 tggttcgcac agacagttta                                       20
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: artificial sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: primer
187 <400> SEQUENCE: 14
188 gctaatcgaa ggacaaacag                                       20
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 20
193 <212> TYPE: DNA
194 <213> ORGANISM: artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: primer
199 <400> SEQUENCE: 15
200 ttccaggcga accctgacta                                       20
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 20
205 <212> TYPE: DNA
206 <213> ORGANISM: artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: primer
211 <400> SEQUENCE: 16
212 accatagcca gggcagcaat                                       20
215 <210> SEQ ID NO: 17
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217 <212> TYPE: DNA
218 <213> ORGANISM: artificial sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: primer
223 <400> SEQUENCE: 17
224 tccaacccag tggagggtaa                                        20
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 21
229 <212> TYPE: DNA
230 <213> ORGANISM: artificial sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: primer
235 <400> SEQUENCE: 18
236 attccagttc ctttgaagtg c                                      21
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 27
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens
245 <220> FEATURE:
246 <221> NAME/KEY: misc_feature
247 <222> LOCATION: (287)..(313)
248 <223> OTHER INFORMATION: Residues 287-313 of wild-type Nurr1 exon 3 containing
possible
249       mutation sites
251 <400> SEQUENCE: 19
252 cagatgcaca actaccagca acacagc                                27
255 <210> SEQ ID NO: 20
256 <211> LENGTH: 27
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
261 <220> FEATURE:
262 <221> NAME/KEY: mutation
263 <222> LOCATION: (4)..(4)
264 <223> OTHER INFORMATION: Change in SEQ ID NO: 19 to G from wild-type A
266 <400> SEQUENCE: 20
267 caggtgcaca actaccagca acacagc                                27
270 <210> SEQ ID NO: 21
271 <211> LENGTH: 27
272 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens
276 <220> FEATURE:
277 <221> NAME/KEY: mutation
278 <222> LOCATION: (23)..(23)
279 <223> OTHER INFORMATION: Change in SEQ ID NO: 19 to G from wild-type A
281 <400> SEQUENCE: 21
282 cagatgcaca actaccagca acgcagc                                27
285 <210> SEQ ID NO: 22
286 <211> LENGTH: 12
287 <212> TYPE: DNA
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288 <213> ORGANISM: Homo sapiens
291 <220> FEATURE:
292 <221> NAME/KEY: misc_feature
293 <222> LOCATION: (359)..(370)
294 <223> OTHER INFORMATION: Residues 359-370 of wild-type Nurr1 exon 3 containing
possible
295       mutation sites
297 <400> SEQUENCE: 22
298 gtttactaca ag                                             12
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 9
303 <212> TYPE: DNA
304 <213> ORGANISM: Homo sapiens
307 <220> FEATURE:
308 <221> NAME/KEY: mutation
309 <222> LOCATION: (4)..(9)
310 <223> OTHER INFORMATION: Deletion from SEQ ID NO: 22 of TAC codon either at positions
4-6
311       or 7-9
313 <400> SEQUENCE: 23
314 gtttacaag                                                  9
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VERIFICATION SUMMARY DATE: 05/12/2006
PATENT APPLICATION: **US/10/019,385** TIME: 10:25:58

Input Set : **A:\1103326-0677.txt**
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date